

On page 12, please replace the paragraph starting on line 10 with the following:

Figures 15A-15F show the results of 4 duplicate experiments in which the binding activity of distamycin was tested with all possible (256) four base pair sequences. The oligonucleotides are ranked from 1 to 256 (column 1, "rank") based on their average rank from the four experiments (column 13, "ave. rank") (rank is shown in the first column of the chart).

On page 12, please replace the paragraph starting on line 19 with the following:

Figures 18A(1)-18A(10) through 18B(1)-18B(8) show the results of eight experiments with actinomycin D. The r% scores and rank are shown for each of the 256 oligonucleotides.

In the Claims:

Claims 1-33 have been cancelled, and new claim 34 has been entered as follows:

34. (New) A method for altering the binding characteristics of a DNA-binding protein to a duplex DNA, comprising

contacting the duplex DNA with a small molecule characterized by sequence-preferential binding to a target region where, when the small molecule is bound to the target region, the small molecule is adjacent to a binding site for the DNA-binding protein, at a concentration of small molecule effective to alter the binding of the DNA-binding protein to its binding site of the duplex DNA.

REMARKS

This amendment is submitted prior to examination of the application. By way of this Amendment, claim 34 is pending in this application.

I. Amendments

To the Specification

The specification has been amended to incorporate the continuation information. The specification has been further amended to delete the Table of Contents.

The specification has also been amended to indicate in the text the sequence identification numbers referred to in the text or in the figures.